

CLAIMS

1. A High Speed Transfer System characterized by the fact of comprising three Protection and Control devices, a first and a second of said Protection and Control devices being used for failure detection on the feeder bus-bar, and the third of said Protection and Control devices being used for the High Speed Transfer System co-ordination functionalities.
5. 2. A High Speed Transfer System according to Claim 1, characterized by the fact that said first and second Protection and Control devices communicate to the said third Protection and Control device via an optical cable as communication media.
10. 3. A High Speed Transfer System according to Claim 2, characterized by the fact that an additional digital communication channel is used for the service communication among the different devices.
4. 15. A High Speed Transfer System according to any of the previous claims, characterized by the fact that it has a software architecture structured in two parts: a first software part which is performed in software cycles and a second software part is performed with events.
5. 20. A High Speed Transfer System according to Claim 4, characterized by the fact that said second software part is performed in a asynchronous way with respect to said first software part.
6. 25. A High Speed Transfer System according to any of the previous claims, characterized by the fact that each of said first, second and third Protection and Control device comprises a Human Machine Interface.
7. An electrical distribution switchboard comprising a High Speed Transfer System according to any of the previous claims.